

Akraino API Sub-Committee Call, 2019-09-27

**Attendees:**

Jane Shen

Neal Oliver

Alex Reznik (for first 30 minutes)

**Notes:**

**Hackathon:**

Alex provided additional information on the state of the hackathon planned to be co-located with Kubecon in November.

The proposed task for this hackathon is: Using a platform based on the Nokia Micro-MEC blueprint, on a Raspberry Pi HW platform connected to a cloud, develop a “cool” application. It is believed that this task description is constrained enough to serve as a valid hackathon task.

ETSI MEC’s goal in this hackathon, as with any hackathon, is to promote awareness and adoption of the ETSI MEC APIs. Alex is in the process of determining, from Tapio Tallgren and Pekka Kuure (Nokia) if the Nokia Raspberry Pi/Micro-MEC platform is sufficiently conformant to the Mp1 API specification to allow ETSI MEC to endorse the platform. He expects to resolve this issue during the week of September 30.

If this issue is resolved, then the following timeline follows:

- The venue technical logistics, including Internet connectivity and possibly connectivity to a mobile network, must be resolved.
- It is unknown yet whether the mobile network link would be required, but if so, a mobile network provider must be recruited as a partner.
- Alex mentioned that discussions had been held with Qualcomm to work out these logistics, but we do not know the current state of that discussion.
- The edge platform logistics would be the responsibility of Nokia. Alex believes that Nokia has agreed to do this.
- When the above details have been resolved, the hackathon must be publicized well in advance in order to allow for quality teams to perform. Two or so weeks before the event, there must be a conference call briefing of the teams in order for them to understand the task, judging rules, etc. Nokia would be responsible for clarifying the hackathon task in sufficient detail to support the briefing. ETSI MEC is willing to help with the publicity.
- A panel of judges must be selected prior to the event. ETSI MEC is willing to help with this activity.

- A prize must be selected, donated, and publicized.

Open questions are:

- We need a donor for the prizes.
- We need to resolve the details of the venue (in last week's call, we were not sure whether the event should be scheduled for the beginning or end of KubeCon).
- Since KubeCon is a Kubernetes-centered event, we should probably have a clear answer to participants as to the relationship of the blueprint and Kubernetes.

If we are unable to complete logistics in time for a KubeCon event, there is another event, Edge Computing World, to be held in the Bay Area in December, which could be targeted.

#### **White Paper Review:**

Only two participants were on the call for the white paper review, Jane and Neal. We discussed the differences between the various expected contributions to the white paper: MobileEdgeX architecture, the Futurewei architecture (which Jane described with diagrams during the call), the OpenNESS architecture, and the ETSI MEC architecture. We concluded that it would be helpful to document the application models assumed by each of these contributions for discussion at the next meeting.